

Rec'd PCT/PTO 15 FEB 2006

10/518941

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/518,941

Source: PCT

Date Processed by STIC: 02/15/2006

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 02/15/2006

PATENT APPLICATION: US/10/518,941

TIME: 09:51:57

Input Set : A:\JHU1880-1.ST25.txt

Output Set: N:\CRF4\02152006\J518941.raw

3 <110> APPLICANT: THE JOHNS HOPKINS UNIVERSITY
 4 WORLEY, Paul F.
 6 <120> TITLE OF INVENTION: METHOD OF SCREENING FOR AGENTS THAT MODULATE
 7 IMMUNOPHILIN/PEPTIDYLPROLINE CIS-TRANS ISOMERASE (PPIASE)-HOMER
 8 INTERACTION
 10 <130> FILE REFERENCE: JHU1880-1
 12 <140> CURRENT APPLICATION NUMBER: US 10/518,941
 C--> 13 <141> CURRENT FILING DATE: 2004-12-17
 15 <150> PRIOR APPLICATION NUMBER: PCT/US03/19499
 16 <151> PRIOR FILING DATE: 2003-06-18
 18 <150> PRIOR APPLICATION NUMBER: US 60/398,511
 19 <151> PRIOR FILING DATE: 2002-06-18
 21 <160> NUMBER OF SEQ ID NOS: 30
 23 <170> SOFTWARE: PatentIn version 3.3
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 5
 27 <212> TYPE: PRT
 28 <213> ORGANISM: Artificial sequence
 30 <220> FEATURE:
 31 <223> OTHER INFORMATION: Synthetic construct
 34 <220> FEATURE:
 35 <221> NAME/KEY: misc_feature
 36 <222> LOCATION: (3)..(4)
 37 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
 39 <400> SEQUENCE: 1
 W--> 41 Pro Pro Xaa Xaa Phe
 42 1 5
 45 <210> SEQ ID NO: 2
 46 <211> LENGTH: 6
 47 <212> TYPE: PRT
 48 <213> ORGANISM: Artificial sequence
 50 <220> FEATURE:
 51 <223> OTHER INFORMATION: Synthetic construct
 53 <400> SEQUENCE: 2
 55 Thr Pro Pro Ser Pro Phe
 56 1 5
 59 <210> SEQ ID NO: 3
 60 <211> LENGTH: 4
 61 <212> TYPE: PRT
 62 <213> ORGANISM: Artificial sequence
 64 <220> FEATURE:
 65 <223> OTHER INFORMATION: Synthetic construct
 68 <220> FEATURE:

cp8-6)

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69 <221> NAME/KEY: misc_feature

70 <222> LOCATION: (2)..(3)

71 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid

73 <400> SEQUENCE: 3

W--> 75 Pro Xaa Xaa Phe

76 1

79 <210> SEQ ID NO: 4

80 <211> LENGTH: 4

81 <212> TYPE: PRT

82 <213> ORGANISM: Artificial sequence

84 <220> FEATURE:

85 <223> OTHER INFORMATION: Synthetic construct

87 <400> SEQUENCE: 4

89 Pro Ser Ser Pro

90 1

93 <210> SEQ ID NO: 5

94 <211> LENGTH: 10

95 <212> TYPE: PRT

96 <213> ORGANISM: Artificial sequence

98 <220> FEATURE:

99 <223> OTHER INFORMATION: Synthetic construct

101 <400> SEQUENCE: 5

103 Leu Pro Ser Ser Pro Ser Ser Ser Pro

104 1 5 10

107 <210> SEQ ID NO: 6

108 <211> LENGTH: 558

109 <212> TYPE: DNA

110 <213> ORGANISM: Rat

112 <400> SEQUENCE: 6

113 atgggggaac aacctatctt cagcactcga gctcatgtct tccagatcga cccaaacaca 60

115 aagaagaact gggtacccac cagcaagcat gcagttactg tgtcttattt ctatgacagc 120

117 acaaggaatg tgtataggat aatcagtcta gacggctcaa aggcaataat aaatagcacc 180

119 atcactccaa acatgacatt tactaaaaca tctcaaaagt ttggccaatg ggctgatagc 240

121 cgggcaaaaca ctgtttatgg actgggattc tcctctgagc atcatctctc aaaatttgca 300

123 gaaaagtttc aggaatttaa agaagctgct cggctggcaa aggagaagtc gcaggagaag 360

125 atggaactga ccagtacccc ttcacaggaa tcagcaggag gagatcttca gtctccttta 420

127 acaccagaaa gtatcaatgg gacagatgat gagagaacac ccgatgtgac acagaactca 480

129 gagccaaggg ctgagccagc tcagaatgca ttgccatttt cacataggta cacattcaat 540

131 tcagcaatca tgattaaa 558

134 <210> SEQ ID NO: 7

135 <211> LENGTH: 186

136 <212> TYPE: PRT

137 <213> ORGANISM: Rat

139 <400> SEQUENCE: 7

141 Met Gly Glu Gln Pro Ile Phe Ser Thr Arg Ala His Val Phe Gln Ile

142 1 5 10 15

145 Asp Pro Asn Thr Lys Lys Asn Trp Val Pro Thr Ser Lys His Ala Val

146 20 25 30

149 Thr Val Ser Tyr Phe Tyr Asp Ser Thr Arg Asn Val Tyr Arg Ile Ile

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Input Set : A:\JHU1880-1.ST25.txt

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150          35          40          45
153 Ser Leu Asp Gly Ser Lys Ala Ile Ile Asn Ser Thr Ile Thr Pro Asn
154          50          55          60
157 Met Thr Phe Thr Lys Thr Ser Gln Lys Phe Gly Gln Trp Ala Asp Ser
158 65          70          75          80
161 Arg Ala Asn Thr Val Tyr Gly Leu Gly Phe Ser Ser Glu His His Leu
162          85          90          95
165 Ser Lys Phe Ala Glu Lys Phe Gln Glu Phe Lys Glu Ala Ala Arg Leu
166          100          105          110
169 Ala Lys Glu Lys Ser Gln Glu Lys Met Glu Leu Thr Ser Thr Pro Ser
170          115          120          125
173 Gln Glu Ser Ala Gly Gly Asp Leu Gln Ser Pro Leu Thr Pro Glu Ser
174          130          135          140
177 Ile Asn Gly Thr Asp Asp Glu Arg Thr Pro Asp Val Thr Gln Asn Ser
178 145          150          155          160
181 Glu Pro Arg Ala Glu Pro Ala Gln Asn Ala Leu Pro Phe Ser His Arg
182          165          170          175
185 Tyr Thr Phe Asn Ser Ala Ile Met Ile Lys
186          180          185
189 <210> SEQ ID NO: 8
190 <211> LENGTH: 5
191 <212> TYPE: RNA
192 <213> ORGANISM: Artificial sequence
194 <220> FEATURE:
195 <223> OTHER INFORMATION: Synthetic construct
197 <400> SEQUENCE: 8
198 auuuu
201 <210> SEQ ID NO: 9
202 <211> LENGTH: 4
203 <212> TYPE: PRT
204 <213> ORGANISM: Artificial sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: Synthetic construct
209 <400> SEQUENCE: 9
211 Ser Ser Thr Leu
212 1
215 <210> SEQ ID NO: 10
216 <211> LENGTH: 4
217 <212> TYPE: PRT
218 <213> ORGANISM: Artificial sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: Synthetic construct
223 <400> SEQUENCE: 10
225 Ser Ser Ser Leu
226 1
229 <210> SEQ ID NO: 11
230 <211> LENGTH: 4
231 <212> TYPE: PRT
232 <213> ORGANISM: Rat

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RAW SEQUENCE LISTING

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Input Set : A:\JHU1880-1.ST25.txt

Output Set: N:\CRF4\02152006\J518941.raw

234 <400> SEQUENCE: 11
236 Ala Val Thr Val
237 1
240 <210> SEQ ID NO: 12
241 <211> LENGTH: 4
242 <212> TYPE: PRT
243 <213> ORGANISM: Artificial sequence
245 <220> FEATURE:
246 <223> OTHER INFORMATION: Synthetic construct
248 <400> SEQUENCE: 12
250 Gly His Arg Phe
251 1
254 <210> SEQ ID NO: 13
255 <211> LENGTH: 5
256 <212> TYPE: PRT
257 <213> ORGANISM: Artificial sequence
259 <220> FEATURE:
260 <223> OTHER INFORMATION: Synthetic construct
262 <400> SEQUENCE: 13
264 Leu Pro Pro Pro Phe
265 1 5
268 <210> SEQ ID NO: 14
269 <211> LENGTH: 5
270 <212> TYPE: PRT
271 <213> ORGANISM: Artificial sequence
273 <220> FEATURE:
274 <223> OTHER INFORMATION: Synthetic construct
276 <400> SEQUENCE: 14
278 Leu Pro Pro Pro Arg
279 1 5
282 <210> SEQ ID NO: 15
283 <211> LENGTH: 5
284 <212> TYPE: PRT
285 <213> ORGANISM: Artificial sequence
287 <220> FEATURE:
288 <223> OTHER INFORMATION: Synthetic construct
290 <400> SEQUENCE: 15
292 Leu Pro Leu Pro Phe
293 1 5
296 <210> SEQ ID NO: 16
297 <211> LENGTH: 5
298 <212> TYPE: PRT
299 <213> ORGANISM: Artificial sequence
301 <220> FEATURE:
302 <223> OTHER INFORMATION: Synthetic construct
304 <400> SEQUENCE: 16
306 Leu Leu Pro Pro Phe
307 1 5
310 <210> SEQ ID NO: 17

RAW SEQUENCE LISTING

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Input Set : A:\JHU1880-1.ST25.txt

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311 <211> LENGTH: 10
312 <212> TYPE: PRT
313 <213> ORGANISM: Artificial sequence
315 <220> FEATURE:
316 <223> OTHER INFORMATION: Synthetic construct
318 <400> SEQUENCE: 17
320 Leu Pro Ser Ser Ala Ser Ser Ser Ser Pro
321 1          5          10
324 <210> SEQ ID NO: 18
325 <211> LENGTH: 10
326 <212> TYPE: PRT
327 <213> ORGANISM: Artificial sequence
329 <220> FEATURE:
330 <223> OTHER INFORMATION: Synthetic construct
332 <400> SEQUENCE: 18
334 Ala Pro Ser Ser Pro Ser Ser Ser Ser Pro
335 1          5          10
338 <210> SEQ ID NO: 19
339 <211> LENGTH: 10
340 <212> TYPE: PRT
341 <213> ORGANISM: Artificial sequence
343 <220> FEATURE:
344 <223> OTHER INFORMATION: Synthetic construct
346 <400> SEQUENCE: 19
348 Leu Pro Ser Ser Pro Ser Ser Ser Ser Ala
349 1          5          10
352 <210> SEQ ID NO: 20
353 <211> LENGTH: 5
354 <212> TYPE: PRT
355 <213> ORGANISM: Artificial sequence
357 <220> FEATURE:
358 <223> OTHER INFORMATION: Synthetic construct
360 <400> SEQUENCE: 20
362 Leu Pro Ser Ser Pro
363 1          5
366 <210> SEQ ID NO: 21
367 <211> LENGTH: 6
368 <212> TYPE: PRT
369 <213> ORGANISM: Artificial sequence
371 <220> FEATURE:
372 <223> OTHER INFORMATION: Synthetic construct
375 <220> FEATURE:
376 <221> NAME/KEY: misc_feature
377 <222> LOCATION: (3)..(4)
378 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
380 <400> SEQUENCE: 21
W--> 382 Pro Pro Xaa Xaa Phe Arg
383 1          5
386 <210> SEQ ID NO: 22

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/518,941

DATE: 02/15/2006
TIME: 09:51:58

Input Set : A:\JHU1880-1.ST25.txt
Output Set: N:\CRF4\02152006\J518941.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 3,4

Seq#:3; Xaa Pos. 2,3

Seq#:21; Xaa Pos. 3,4

Seq#:23; Xaa Pos. 3

VERIFICATION SUMMARY

DATE: 02/15/2006

PATENT APPLICATION: US/10/518,941

TIME: 09:51:58

Input Set : A:\JHU1880-1.ST25.txt

Output Set: N:\CRF4\02152006\J518941.raw

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:41 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0

L:75 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0

L:382 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0

L:416 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0